

AMENDMENTS TO THE SPECIFICATION

Please replace the paragraph beginning on page 4, line 9, with the following rewritten paragraph:

However, in FIG. 1, the dual stack transition mechanism is considered for the IPv6 native network 110 and the IPv4 native network 120, both of which are fixed networks. That is, the dual stack transition mechanism is not considered for a Mobile IP but only for the fixed IPv6 native network 110 and IPv4 native network 120. Therefore, when a mobile node requiring a mobile IP, located in the IPv6 native network 110, is temporarily assigned an IPv4 address from the access node 112, ~~the~~ a number of problems occur.